

Application No. 09/635,275
Filed: August 9, 2000
TC Art Unit: 2151
Confirmation No.: 4949

REMARKS

In response to an Office Action mailed on August 11, 2005, Applicant respectfully requests that the above-listed Amendments be entered and the Application be reconsidered. With entry of the above-listed Amendments, claim 21 is amended.

Claim 21 is amended to correct a typographical error. Before this amendment, the claim referred to a "personal communication device." However, the claim provides no antecedent basis for a personal communication device. This recitation was intended to refer to an earlier-recited "personal data device." Therefore, the claim is amended to change "the personal communication device" to "personal data device." No change in scope is intended by this amendment.

The Examiner rejected claims 21-31 under 35 U.S.C. 102(b) as being anticipated by US Pat. No. 5,459,727 to Vannucci ("Vannucci"). Vannucci discloses a wireless cellular telephone system that uses very small cells ("femtocells"). Each femtocell includes a transceiver 30, 31, 32, 33, 34, 35, 36 or 37 to serve a very small area, such as a room or a portion of a room. The transceivers 30-37 are connected via wall wiring to a digital router 38. The digital router 38 is connected to a PBX 28. Portable telephones 40, 42 and 44 communicate, via radio, with the transceivers 30-37 and, thereby, with the PBX 28. In addition, conventional fixed telephones 20, 22, 24 and 26 are connected to the PBX 28 by other wires. (Fig. 1; column 3, lines 1-19; and column 5, lines 1-9.)

Claim 21 is an independent claim, and claims 22-31 depend, directly or indirectly, from claim 21. The following remarks relate to the Examiner's rejections of claim 21.

The Examiner asserted that Vannucci (column 4, lines 24-61 and column 5, lines 1-9) discloses "a user-side communication interface ... for connection to a personal data device over at least one wired communication connection via the at least one jack and for connection to the personal data device over at least one wireless communication connection." The Applicant respectfully submits that this assertion is not supported by the Vannucci disclosure. Vannucci discloses wireless connections between portable wireless telephones 40-44 and femtocell transceivers 30-37. In addition, Vannucci discloses wired connections between conventional fixed telephones 20, 22, 24 or 26 and a PBX switching center 28.

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First, Vannucci's portable telephones 40-44 are not "personal data devices." Vannucci discloses conventional voice telephones. Vannucci does not disclose a desktop computer, portable computer, palm-top computer or similar device that "provides information services to a user." (See, Application: page 3, lines 23-27.)

Second, even if, *arguendo*, one of Vannucci's portable telephones 40-44 is the same as, or equivalent to, "a personal data device," Vannucci does not disclose a wired connection between one of the portable wireless telephones 40-44 and a jack, such as in the femtocell transceiver 30-37. Similarly, Vannucci does not disclose wireless communication connections to the conventional fixed (i.e. wired) telephones 20-26.

Claim 21 recites "a user-side communication interface within the enclosure for connection to a personal data device over at least one wired communication connection via the at least one jack and for connection to the personal data device over at least one wireless communication connection." (Emphasis added.) Thus, according to the claim, the user-side communication interface can be connected to a personal data device "over at least one wired communication connection via the at least one jack," and the user-side communication interface can be connected to the same personal data device "over at least one wireless communication connection." (Emphasis added.)

Vannucci does not disclose a user-side communication interface that can be connected to a personal data device over both a wired communication connection to a jack and a wireless communication connection to the user-side communication interface, as recited in claim 21. For at least this reason, claim 21 is believed to be allowable.

The Examiner also asserted that Vannucci, in Fig. 2 and in column 5, lines 10-61, discloses "an infrastructure-side communication interface ... for connection to a plurality of computer resources..." The Applicant respectfully submits that the reliance upon Vannucci in this respect is not justified.

The Examiner asserted that Vannucci's radio stations (femtocell transceivers) 30-37 anticipate the recited "plurality of computer resources." Although Vannucci's fixed radio station includes a time-division duplex (TDD) control 216, flip-flops 218 and 228 and a clock generator 220, these components do not rise to the level of "a plurality of computer resources" in the context

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of the present Application. A "computer resource" may include flip-flops and clock generators; however, these components are not themselves "computer resources." As noted in the three paragraphs beginning on page 4, line 5 of the Application, in one example, a user of the personal data device accesses information through the data interface using an application program, such as a browser. Clearly, individual flip-flops or clock generators could not respond to a request made by a browser. Thus, Vannucci does not disclose "an infrastructure-side communication interface," as recited in claim 21. For at least this reason, claim 21 is believed to be allowable.

The Examiner also asserted that Vannucci, in column 6, line 59 to column 7, line 56, discloses "a data interface management processor within the enclosure and ... operative to provide information to the personal data device about at least one of the wired and wireless communication connections between the personal communication device and the user-side communication interface." The Applicant respectfully submits that this assertion is not supported by the Vannucci disclosure.

In the first paragraph of the rejection, the Examiner impliedly analogized the recited "enclosure" to the (telephone) jacks Vannucci discloses as being in each room. The "data interface management processor" is recited as being "within the enclosure." However, the structure cited by the Examiner in column 6, lines 59 to column 7, line 56 as anticipating the data interface management processor is not located in the disclosed jacks or even in any of the rooms. The cited portion of Vannucci describes the digital router 38. (Column 6, lines 62-63.) As shown in Fig. 3, the digital router 38 is connected to the fixed radio stations 30-37 via wall wiring. The digital router 38 is not located in the jacks. Thus, Vannucci does not disclose "a data interface management processor within the enclosure," as recited in claim 21. For at least this reason, claim 21 is believed to be allowable.

Furthermore, neither Vannucci's digital router 38 nor any other structure disclosed by Vannucci is "operative to provide information to the personal data device about at least one of the wired and wireless communication connections between the personal data device and the user-side communication interface." As noted above, Vannucci does not disclose wired and wireless communications between a single telephone and one of the femtocell transceivers 30-37 or the PBX

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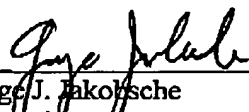
28. Thus, Vannucci cannot disclose providing "information to the personal data device about at least one of the wired and wireless communication connections between the personal data device and the user-side communication interface." Moreover, Vannucci does not disclose providing any information to any of the telephones about the wired or wireless connections between the telephones and the femtocell transceivers or the PBX. For at least this reason, claim 21 is believed to be allowable.

Claims 22-31 depend directly or indirectly from claim 21. These dependent claims are, therefore, believed to be allowable, for at least the reasons discussed above with respect to claim 21.

For all the foregoing reasons, it is respectfully submitted that the present Application is in a condition for allowance, and such action is earnestly solicited. The Examiner is encouraged to telephone the undersigned attorney to discuss any matter that would expedite allowance of the present Application.

Respectfully submitted,

JAMES S. HISCOCK ET AL.

By: 
George J. Jakobsche
Registration No. 39,236
Attorney for Applicants

WEINGARTEN, SCHURGIN,
GAGNEBIN & LEOVICI LLP
Ten Post Office Square
Boston, MA 02109
Telephone: (617) 542-2290
Telecopier: (617) 451-0313

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